Investment Analysis SmartMaster

Table of Contents

or a button to use a SmartMaster sheet.

Investment Analysis

Project 1: _____ **Project 2:** _____

Description of Project 1 *Description of Project 2*

Justification for Project 1 *Justification for Project 2*

Cash Flow by Year

Project 1		
	Investment	*Cash Flow*
3923		
3924		
3925		
3926		
3927		
3928		
3929		
3930		
3931		
3932		
3933		

Cash Flow by Ye

Project 2	
	Investment
3923	
3924	
3925	
3926	
3927	
3928	
3929	
3930	
3931	
3932	
3933	

Tips

Cash flows at the start/end
of period (1=start, 0=end)   *1*
Cost of Capital
Discount Rate

Cash flows at the start/end
of period (1=start, 0=end)
Cost of Capital
Discount Rate

Net Present Value
Profitability Index
Internal Rate of Return
Modified IRR   #VALUE!

Net Present Value
Profitability Index
Internal Rate of Return
Modified IRR

Payback Period | #NAME? | Payback Period

Summary

Prepared By   Date   Approved By

ar

Cash Flow

1

#VALUE!

Restore
Zoom

#NAME?

_____

_____

_____

_____
Date

Net Present Value

Net Present Value

12	
10	
8	
6	
4	
2	
0	

Series6

Year
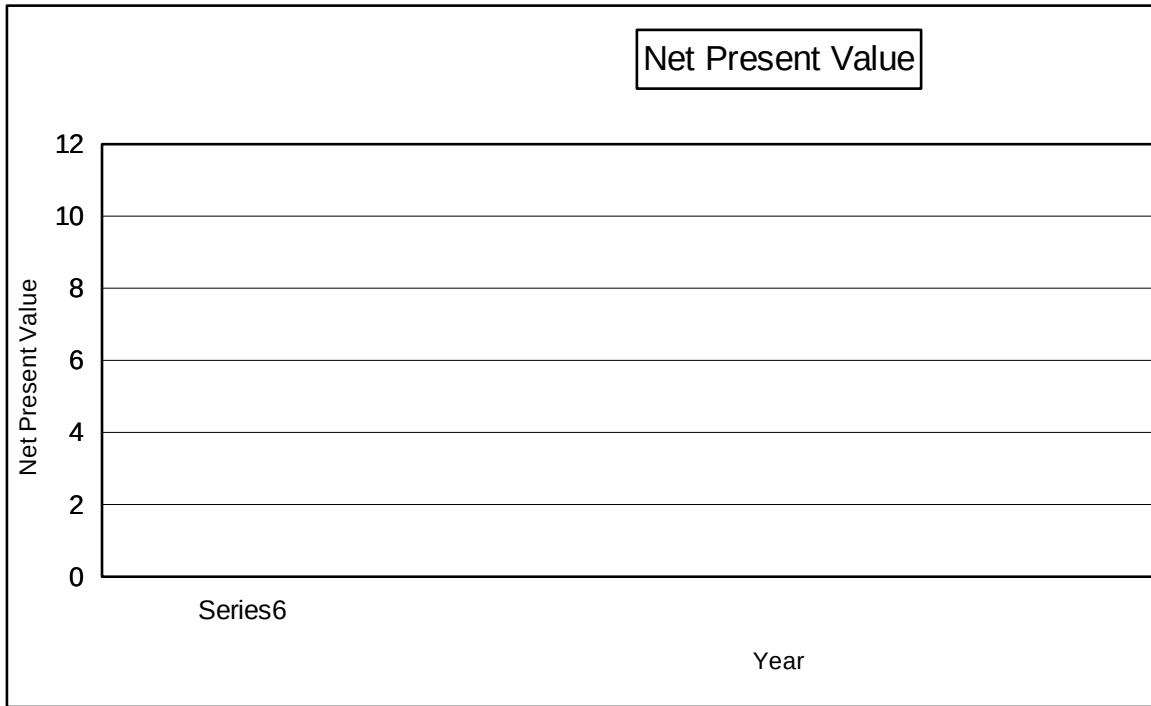
Keep Data Swap Data

Restore Zoom

SCREEN-ADJUST	CODE	DESCRIPTION
\0	{ZOOM_TEST}	; Senses screen re
	{Let ZM_NRML;@Vlookup(ZM_SCRN;ZM_TABLE;1)}	; view preferences
	{Let ZM_ALL;@Vlookup(ZM_SCRN;ZM_TABLE;2)}	
	{Set "Window-Custom-Zoom";ZM_NRML}{Quit}	
ZOOM_TEST	{If @Info("Screen-Width")<=640}{Let ZM_SCRN;640}{Return}	
	{If @Info("Screen-Width")<=800}{Let ZM_SCRN;800}{Return}	
	{If @Info("Screen-Width")<=1024}{Let ZM_SCRN;1024}{Return}	
	{Let ZM_SCRN;1280}{Return}	
ZM_SCRN	640	

	NORMAL	FULL PAGE
ZM_TABLE		
640	85	32
800	100	42
1024	110	46
1280	120	65

ZOOM FACTOR	CODE	DESCRIPTION
ZOOM_RTN	{Set "Window-Custom-Zoom";ZM_ALL}{Quit}	; Sets view to disp
ZM_NRML	85	; Preferred zoom s
ZM_ALL	32	; View entire sheet
ZM_RESTORE	{Set "Window-Custom-Zoom";ZM_NRML}{R}{L}{HOME}{Quit}	; Resets view to n

PRINT SHEET	CODE	DESCRIPTION
SHT_PRINT	{Set "Print-Range";SHEET_RANGE}{Set "Print-Footer-Center-Text";""}	; Prints spreadshe
	{Set "Print-Orientation";"Portrait"}{Set "Print-Fit-Page";"Yes"}	
	{Set "Print-Margin-Top";".75"}	
	{Set "Print-Margin-Left";".5"}{Set "Print-Margin-Right";".5"}	
	{Set "Print-Margin-Bottom";".25"}	
	{BACKGRND 0}{Print?}{BACKGRND 2}	
	{Quit}	
BACKGRND	{Define BCK_COL:V}	; Sets / Resets ligh
	{Let RNG_NUM;1}{BCK_LOOP}	
BCK_LOOP	{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}	
	{If 1-@Isrange(@@(RNG_NAME))}{Return}	
	{Style-Interior BCK_COL;;;;;+RNG_NAME}	
	{Let RNG_NUM;RNG_NUM+1}{Branch BCK_LOOP}	
BCK_COL	2	

PRINT CHART	CODE	DESCRIPTION
CHT_PRINT	{Select "CHART 1";;"Chart"}{Set "Print-Footer-Center-Text";""}	: Selects chart, se
	{Set "Print-Orientation";"Landscape"}{Set "Print-Fit-Page";"Yes"}	: and invokes the
	{Set "Print-Margin-Top";".75"}	
	{Set "Print-Margin-Left";".75"}{Set "Print-Margin-Right";".75"}	
	{Set "Print-Margin-Bottom";".25"}	
	{Print?}{Edit-Goto "Chart:A1"}	
	{Quit}	

PRINT INFORMATION CODE		DESCRIPTION
INFO_PRINT	{Define INFO_TOPIC:V}	; Prints Topics fro
	{Dialog DLG_INFOPRT}	
	{If RES_INFOPRT=0}{Quit}	
	{Set "Print-Footer-Center-Text";"^"}	
	{Set "Print-Centered";"Horizontal"}	
	{Set "Print-Orientation";"Portrait"}{Set "Print-Size";"Fit-All"}	
	{Set "Print-Margin-Top";".5"}	
	{Set "Print-Margin-Left";".5"}{Set "Print-Margin-Right";".5"}	
	{Set "Print-Margin-Bottom";".25"}	
	{Let UPPER_LEFT;@Info("Origin")}	
	{If ANS_INFOPRT=0}{INFO_CURR_PRT}	
	{If ANS_INFOPRT}{Select @Vlookup(INFO_TOPIC;INFO_LIST;1)}	
	{Style-Interior 0}	
	{Print?}	
	{Style-Interior 2}	
	{Edit-Goto +UPPER_LEFT}	
	{Quit}	
INFO_CURR_PRT	{Select INF_OVER_RANGE}	; Prints all Informa
	{Select-Append INF_STEP_RANGE}	
	{Select-Append INF_TIPS_RANGE}	
	{Select-Append INF_CONVENTION}	
	{Select-Append INF_NOTE_RANGE}	
	{Select-Append INF_ABOU_RANGE}	
	{Return}	
UPPER_LEFT	$E:$A$60	
INFO_LIST	1INF_OVER_RANGE	; Information shee
	2INF_STEP_RANGE	
	3INF_TIPS_RANGE	
	4INF_CONVENTION	
	5INF_NOTE_RANGE	
	6INF_ABOU_RANGE	
INFO_TOPIC	1	

DLG_INFOPRT	DIALOG	InfoPrint			

-2134376400	4	63	62	152
FONT		8"Helv"		
8	8	59	10	20
8	21	56	10	21
102	4	40	14	1
102	22	40	14	2
END DIALOG				

SAMPLE DATA	CODE	DESCRIPTION
SAMPDATA	{Let CURR_SCEN;@Scenariolast(@Cellpointer("Filename"))}	; Displays Sample
	{If @Iserr(CURR_SCEN)}{Let CURR_SCEN;"unnamed"}	
	{If @Exact(CURR_SCEN;"sample")}{Branch SAMP_RESTORE}	
	{Dialog DLG_SAMPLE1}	
	{If RES_SAMPLE1=0}{Quit}	
	{Let PREV_SCEN;CURR_SCEN}	
	{UPDATE}	
	{Scenario-Show "sample"}{Calc}{Quit}	
SAMP_RESTORE	{Dialog DLG_SAMPLE2}	; Restores previou
	{If RES_SAMPLE2=0}{Quit}	
	{Scenario-Show PREV_SCEN}{Calc}{Quit}	
PREV_SCEN	unnamed	
CURR_SCEN	sample	

DLG_SAMPLE1

DIALOG	Sample1			
-2134376400	4	51	60	176
FONT		8"Helv"		
4	4	113	24	1000
130	4	40	14	1
130	22	40	14	2
4	28	116	26	1001
END DIALOG				

DLG_SAMPLE2

DIALOG	Sample2			
-2134376400	3	50	60	176
FONT		8"Helv"		
4	4	110	24	1000
130	4	40	14	1
130	22	40	14	2
END DIALOG				

KEEP DATA	CODE	DESCRIPTION
KEEPDATA	{If @Count(SCENARIO_LIST)=@Rows(SCENARIO_LIST)-1}{Branch K_	; Stores user-data
	{Dialog DLG_KEEPDATA}	
	{If RES_KEEPDATA=0}{Quit}	
	{If RES_KEEPDATA=3}{Branch K_UPDATE}	
	{If RES_KEEPDATA=4}{Branch K_HELP}	
	{If @Length(@S(ANS_KEEPDATA))<1}{Alert "To create a scenario, you must enter a	

```
{If 1-@Iserr(@Scenarioinfo("Creator";@Lower(@Trim(ANS_KEEPDATA)))){Branch K_EXI
{Scenario-Create @Lower(@Trim(ANS_KEEPDATA))}
{Let RNG_NUM;1}{K_VERSIONS}
{Put SCENARIO_LIST;0;@Count(SCENARIO_LIST);ANS_KEEPDATA}
{Scenario-Show @Lower(@Trim(ANS_KEEPDATA))}
{Calc}{Return}
```

K_UPDATE

```
{CLEAN_LIST}{Dialog DLG_UPDDATA}                              ; Check for deleted
{If ANS_UPDDATA<0}{Quit}
{If RES_UPDDATA=0}{Quit}
{Scenario-Delete @Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA)))}
{Scenario-Create @Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA)))}
{Let RNG_NUM;1}{UP_EXISTING}
{Scenario-Show @Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA)))}{Quit}
```

CLEAN_LIST
CLEAN_LOOP

```
{Blank ANS_SWAPDATA}
{If ANS_SWAPDATA>@Count(UPDATE_LIST)}{Return}
{If 1-@Iserr(@Scenarioinfo("Creator";@Lower(@Trim(@Index(SCENARIO_LIST;0;ANS_S'
{Recalc LIST_RNG}{Edit-Copy +LIST_RNG}{Recalc LIST_ADDR}{Edit-Paste +LIST_ADDF
{Branch CLEAN_LOOP}
```

UP_EXISTING

```
{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}
{If 1-@Isrange(@@(RNG_NAME))}{Return}
{Version-Delete +RNG_NAME;@Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA
{Version-Create +RNG_NAME;@Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA
{Scenario-Add-Version @Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA)));;+RN
{Let RNG_NUM;RNG_NUM+1}{Branch UP_EXISTING}
```

K_HELP

```
{Dialog DLG_KHELP}
{Branch KEEPDATA}
```

K_LIMIT

{Alert +"The maximum number of "&@String(@Count(SCENARIO_LIST);0)&" scenar
```
{Quit}
```

K_EXISTS

{Alert +""""&@Lower(@Trim(ANS_KEEPDATA))&"""" already exists. Please use anoth

K_VERSIONS

```
{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}
{If 1-@Isrange(@@(RNG_NAME))}{Return}
{Version-Create +RNG_NAME;@Lower(@Trim(ANS_KEEPDATA))}
{Scenario-Add-Version @Lower(@Trim(ANS_KEEPDATA));;+RNG_NAME;@Lower(@Trin
{Let RNG_NUM;RNG_NUM+1}{Branch K_VERSIONS}
```

RNG_NUM   17
RNG_NAME   DATA_17

DLG_KEEPDATA

DIALOG	KeepData			
-2134376400	8	20	32	196
FONT	8"Helv"			
4	64	89	12	8001
148	2	40	14	1

148	34	40	14	2
148	18	40	14	3
148	52	40	14	4
4	32	128	18	1000
4	2	130	24	1001
4	54	114	10	1002
END DIALOG				

DLG_UPDDATA

DIALOG	Update			
-2134376400	4	54	36	198
FONT		8"Helv"		
4	36	104	48	9001
4	4	113	24	1000
150	6	40	14	1
150	22	40	14	2
END DIALOG				

DLG_KHELP

DIALOG	KHELP			
-2134376400	2	21	32	196
FONT		8"Helv"		
148	2	40	14	1
4	2	139	42	1001
END DIALOG				

SWAP DATA	CODE	DESCRIPTION
SWAPDATA	{CLEAN_LIST}{Dialog DLG_SWAPDATA}	; Switches to a sce
	{If ANS_SWAPDATA<0}{Quit}	
	{If RES_SWAPDATA=0}{Quit}	
	{If RES_SWAPDATA=3}{Branch DEL_SCENARIO}	
	{Let CURR_SCEN;@Scenariolast(@Cellpointer("Filename"))}	
	{If @Iserr(CURR_SCEN)}{Let CURR_SCEN;"unnamed"}	
	{If CURR_SCEN<>"unnamed"}{UPDATE}	
	{If CURR_SCEN="unnamed"}{UPDUN}	
	{Scenario-Show @Lower(@Trim(@Index(SCENARIO_LIST;0;ANS_SWAPDATA)))}	
	{If @Scenariolast(@Cellpointer("Filename"))<>"-blank-"}{Quit}	
	{Scenario-Delete "unnamed"}{Scenario-Create "unnamed"}	
	{Let RNG_NUM;1}{UP_UNNAMED}{Scenario-Show "unnamed"}{Calc}{Quit}	
UPDUN	*{Dialog DLG_UPDUN}*	
	{If RES_UPDUN=3}{Quit}	
	{If RES_UPDUN=1}{KEEPDATA}	
	{Let RES;1}{Return}	
UP_UNNAMED	*{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}*	
	{If 1-@Isrange(@@(RNG_NAME))}{Return}	
	{Version-Delete +RNG_NAME;"unnamed"}	
	{Version-Create +RNG_NAME;"unnamed"}	
	{Scenario-Add-Version "unnamed";;+RNG_NAME;"unnamed"}	
	{Let RNG_NUM;RNG_NUM+1}{Branch UP_UNNAMED}	

LIST_RNG	*#NAME?*
LIST_ADDR	*#NAME?*
RES	*1*

DEL_SCENARIO

{If ANS_SWAPDATA<1}{Alert "The scenario named ""-Blank-"" cannot be deleted. TI
{Alert +"Delete """&@Index(SCENARIO_LIST;0;ANS_SWAPDATA)&""" scenario?";2;
{Scenario-Delete @Lower(@Trim(@Index(SCENARIO_LIST;0;ANS_SWAPDATA)))}
{Let RNG_NUM;1}{D_VERSIONS}
{If ANS_SWAPDATA=@Count(SCENARIO_LIST)-1}{Recalc LIST_ADDR}{Blank +LIST
{Recalc LIST_RNG}{Edit-Copy +LIST_RNG}
{Recalc LIST_ADDR}{Edit-Paste +LIST_ADDR}
{Quit}

D_VERSIONS

{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}
{If 1-@Isrange(@@(RNG_NAME))}{Return}
{Version-Delete +RNG_NAME;@Lower(@Trim(@Index(SCENARIO_LIST;0;ANS_SWA
{Let RNG_NUM;RNG_NUM+1}{Branch D_VERSIONS}

SCENARIO_LIST
UPDATE_LIST

-Blank-	32

< Blank Cell. To increase limit, 1) place cell pointer on blank cell, and 2)

UPDATE

{Let RNG_NUM;1}{Blank NO_UPDATE}{UPDATE_TEST}
{If NO_UPDATE}{Return}
{If @Exact(CURR_SCEN;"sample")}{Return}
{If @Exact(CURR_SCEN;"unnamed")}{UPDATE_POST}{Return}
{Recalc FRM_UPDSC}{Dialog DLG_UPDSC}
{If RES_UPDSC=3}{Quit}
{If RES_UPDSC=1}{UPDATE_POST}
{Return}

UPDATE_TEST

{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}
{If 1-@Isrange(@@(RNG_NAME))}{Let NO_UPDATE;1}{Return}
{If @Iserr(@Versioncurrent(@@(RNG_NAME)))}{Return}
{Let RNG_NUM;RNG_NUM+1}{Branch UPDATE_TEST}

UPDATE_POST
UPDATE_LOOP

{Version-Update +RNG_NAME;CURR_SCEN}
{Let RNG_NUM;RNG_NUM+1}
{Let RNG_NAME;+"DATA_"&@Right(@String(RNG_NUM+100;0);2)}
{If 1-@Isrange(@@(RNG_NAME))}{Return}
{If @Iserr(@Versioncurrent(@@(RNG_NAME)))}{Branch UPDATE_POST}
{Branch UPDATE_LOOP}

NO_UPDATE   1

DLG_SWAPDATA

DIALOG	SwapData			
-2134376400	5	53	36	198
FONT		8"Helv"		
4	26	108	58	9001
4	4	124	18	1000
150	6	40	14	1
150	22	40	14	2
150	42	40	14	3
END DIALOG				

DLG_UPDSC

DIALOG	Update1			
-2134376400	4	69	49	180
FONT		8"Helv"		
4	5	126	44	1000
135	2	40	14	1
135	18	40	14	2
135	39	40	14	3
END DIALOG				

DLG_UPDUN

DIALOG	unnamed			
-2134376400	4	78	60	137

FONT		8"Helv"		
7	3	79	27	1000
92	2	40	14	1
92	18	40	14	2
92	39	40	14	3
END DIALOG				

SHOW MACROS	*CODE*	*DESCRIPTION*
MACRO_SHOW	{Show-Sheets MACROS:A1}	; Show / Hide this
	{Edit-Goto MACROS:A1}{Quit}	
MACRO_HIDE	{Home}{Hide-Sheets MACROS:A1}	
	{Edit-Goto INFORMATION:A1}{Quit}	

SHOW NOTES FIELDS	*CODE*	*DESCRIPTION*
NOTES_SHOW	{Show-Sheets MACROS:A1}	; Navigate to the N
	{Edit-Goto NOTES_FIELDS}	
	{Edit-Goto "NOTES FIELDS"}{Quit}	

PRINT MACROS	*CODE*	*DESCRIPTION*
MACRO_PRINT	{Dialog DLG_MACPRINT}	; Print sections of t
	{If RES_MACROPRT=0}{Quit}	
	{If ANS_MACROPRT1}{Set "Print-Range";MACROS_RANGE}{Set "Print-Orientation";"Land	
	{If ANS_MACROPRT2}{Set "Print-Range";NOTES FIELDS}{Set "Print-Orientation";"Portrait	
	{If ANS_MACROPRT3}{Set "Print-Range";RN_TABLE_RANGE}{Set "Print-Orientation";"Po	
	{Set "Print-Centered";"Horizontal"}	
	{Set "Print-Footer-Center-Text";"^"}	
	{Set "Print-Size";"Fit-Columns"}	
	{Set "Print-Margin-Top";".5"}	
	{Set "Print-Margin-Left";".5"}{Set "Print-Margin-Right";".5"}	
	{Set "Print-Margin-Bottom";".25"}	
	{Print?}	
	{Quit}	

DLG_MACPRINT	DIALOG	MacPrint			
	-2134376400	5	66	62	152
	FONT		8"Helv"		
	8	4	59	10	20
	8	15	72	10	21
	8	26	84	10	22
	102	4	40	14	1
	102	22	40	14	2
	END DIALOG				

END OF MACROS

Cash Flow Table

CF-Inv, P1	CF-Inv, P2
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00
0.00	0.00

	Payback Period	End of Period NPV of CF, P1	End of Period NPV of CF, P2	Start of Period NPV of CF, P1	Start of Period NPV of CF, P2
3923	0	#N/A	#N/A	#NAME?	#NAME?
3924	1	#NAME?	#NAME?	#NAME?	#NAME?
3925	2	#NAME?	#NAME?	#NAME?	#NAME?
3926	3	#NAME?	#NAME?	#NAME?	#NAME?
3927	4	#NAME?	#NAME?	#NAME?	#NAME?
3928	5	#NAME?	#NAME?	#NAME?	#NAME?
3929	6	#NAME?	#NAME?	#NAME?	#NAME?
3930	7	#NAME?	#NAME?	#NAME?	#NAME?
3931	8	#NAME?	#NAME?	#NAME?	#NAME?
3932	9	#NAME?	#NAME?	#NAME?	#NAME?
3933	10	#NAME?	#NAME?	#NAME?	#NAME?
#N/A	11	#NAME?	#NAME?	#N/A	#N/A

Informatio Print
n

Num_User_Scenarios	0
Current_Scenario	#NAME?
Project_Name_1	
NPV_1	
PI_1	
IRR_1	
MIRR_1	#VALUE!
Payback_1	#NAME?
Project_Name_2	
NPV_2	
PI_2	

IRR_2	
MIRR_2	#VALUE!
Payback_2	#NAME?
Prepared_By	
Prepared_Date	0

Informatio n	Print

ANS_INFOPRT	D:L98..D:L98
ANS_KEEPDATA	D:L193..D:L193
ANS_MACROPRT1	D:L379..D:L379
ANS_MACROPRT2	D:L380..D:L380
ANS_MACROPRT3	D:L381..D:L381
ANS_SWAPDATA	D:L324..D:L324
ANS_UPDDATA	D:L206..D:L206
BACKGRND	D:B38..D:B38
BCK_COL	D:B46..D:B46
BCK_LOOP	D:B41..D:B41
CHT_PRINT	D:B49..D:B49
CLEAN_LIST	D:B160..D:B160

```
KEEPDATA           D:B139..D:B139
K_EXISTS           D:B179..D:B179
K_HELP             D:B173..D:B173
K_LIMIT            D:B176..D:B176
K_UPDATE           D:B152..D:B152
K_VERSIONS         D:B181..D:B181
LIST_ADDR          D:B246..D:B246
LIST_RNG           D:B245..D:B245
MACROS             D:A1..D:A1
MACROS_RANGE       D:A3..D:L406
MACRO_HIDE         D:B353..D:B353
MACRO_PRINT        D:B362..D:B362
MACRO_SHOW         D:B350..D:B350
NOTES FIELDS       D:A444..D:B459
NOTES_FIELDS       D:A442..D:A442
NOTES_SHOW         D:B357..D:B357
NO_UPDATE          D:B319..D:B319
PERSONALIZE        D:B387..D:B387
PREV_SCEN          D:B118..D:B118
PROJECT            B:A1..B:A1
RES                D:B247..D:B247
RES_INFOPRT        D:L96..D:L96
RES_KEEPDATA       D:L191..D:L191
RES_MACROPRT       D:L377..D:L377
RES_SAMPLE1        D:L122..D:L122
RES_SAMPLE2        D:L131..D:L131
RES_SWAPDATA       D:L322..D:L322
RES_UPDDATA        D:L204..D:L204
RES_UPDSC          D:L332..D:L332
RES_UPDUN          D:L341..D:L341
RNG_NAME           D:B188..D:B188
RNG_NUM            D:B187..D:B187
RN_TABLE           D:A489..D:A489
RN_TABLE_RANGE     D:A490..D:B606
SAMPDATA           D:B105..D:B105
SAMP_RESTORE       D:B114..D:B114
SCENARIO_LIST      D:B263..D:B296
SHEET_RANGE        B:B2..B:J53
SHT_PRINT          D:B30..D:B30
SWAPDATA           D:B220..D:B220
TABLE_CONTENTS     A:A1..A:A1
UPDATE             D:B298..D:B298
UPDATE_LIST        D:B264..D:B296
UPDATE_LOOP        D:B313..D:B313
UPDATE_POST        D:B312..D:B312
UPDATE_TEST        D:B307..D:B307
UPDUN              D:B233..D:B233
UPPER_LEFT         D:B84..D:B84
```

```
UP_EXISTING        D:B166..D:B166
UP_UNNAMED         D:B238..D:B238
ZM_ALL             D:B25..D:B25
ZM_NRML            D:B24..D:B24
ZM_RESTORE         D:B27..D:B27
ZM_SCRN            D:B14..D:B14
ZM_TABLE           D:B16..D:D19
ZOOM_RTN           D:B22..D:B22
ZOOM_TEST          D:B9..D:B9
\0                 D:B4..D:B4
```

e Name   Notes
e   Fields

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Print dialog

v

n the Information sheet

tion sheet text

t ranges

42""	""	"Select Information to Print"		1
1342242800"button"	"Current topic"	0		0
1342242800"button"	"All topics"	0		1
1342373900"button"	"OK"	0		
1342373900"button"	"Cancel"	0		

V

data, preserving existing entries

s data

58""	""	"Sample Data"		1
1342177300"static"	"You can use a s	0		
1342373900"button"	"OK"	0		
1342373900"button"	"Cancel"	0		
1342177300"static"	"currently in this	0		

42""	""	"Sample Data"		1
1342177300"static"	"Restore the data	0		
1342373900"button"	"OK"	0		
1342373900"button"	"Cancel"	0		

V

in a scenario

scenario name. Press OK to return to the Keep Data dialog box."}{Branch KEEPDATA}

ISTS}

d scenarios

WAPDATA))))){Let ANS_SWAPDATA;ANS_SWAPDATA+1}{Branch CLEAN_LOOP}
R}

)))}
)))}
IG_NAME;@Lower(@Trim(@Index(UPDATE_LIST;0;ANS_UPDDATA)))}

ios is in use. You must delete a scenario before creating a new one."}

her scenario name."}{Branch KEEPDATA}

n(ANS_KEEPDATA))}

82	""	""	*"Keep Data"*		0
1350762600	"edit"	""	0		
1342373900	"button"	*"OK"*	0		

1342373900	"button"	*"Cancel"*	0		
1342373900	"button"	*"Update..."*	0		
1342373900	"button"	*"Help"*	0		
1342177300	"static"	*"You can create*	0		
1342177300	"static"	*"This SmartMast*	0		
1342177300	"static"	*"Enter a name fo*	0		

88	""	""	*"Update"*		0
1352728600	"listbox"	""		0UPDATE_LIST	
1342177300	"static"	*"Select the scena*	0		
1342373900	"button"	*"OK"*	0		
1342373900	"button"	*"Cancel"*	0		

50	""	""	*"Keep Data Help"*		1
1342373900	"button"	*"OK"*	0		
1342177300	"static"	*For more informa*	0		

cenario selected by the user

his scenario is used to clear data from the SmartMaster and create a blank, unnamed scenario."}{Branch SWAPDATA}
"Stop";RES}{If 1-RES}{Quit}

_ADDR}{Quit}

PDATA)))}

insert as many rows as you like.

88	""	""	*"Swap Data"*			1
1352728600	"listbox"	""	0	*SCENARIO_LIST*		0
1342177300	"static"	*"Select the scena*	0			
1342373900	"button"	*"OK"*	0			
1342373900	"button"	*"Cancel"*	0			
1342373900	"button"	*"Delete"*	0			

58	""	""	*"Update Scenario"*			0
1342177300	"static"	*The scenario nar*	0			
1342373900	"button"	*"Yes"*	0			
1342373900	"button"	*"No"*	0			
1342373900	"button"	*"Cancel"*	0			

58	""	""	*"Update Scenario"*			0

1342177300	"static"	*"The current sce*	0		
1342373900	"button"	*"Yes"*	0		
1342373900	"button"	*"No"*	0		
1342373900	"button"	*"Cancel"*	0		

Macros sheet

lotes/FX fields

the macro sheet

dscape"}
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42	""	""	*"Select Information to Print"*		0
1342242800	"button"	*"Macros"*	0		
1342242800	"button"	*"Notes Fields"*	0		
1342242800	"button"	*"Range Name Ta*	0		
1342373900	"button"	*"OK"*	0		
1342373900	"button"	*"Cancel"*	0		

Use in Graph Use in Graph

NPV of CF, P1	NPV of CF, P2	ST payback 1	ST payback 2	LT payback 1	LT payback 2
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	#NAME?	#NAME?
#NAME?	#NAME?	#NAME?	#NAME?	0	0
#N/A	#N/A	#N/A	#N/A	0	0

Return to
Macros

Return to
Macros

RES_SWAPDATA

ANS_SWAPDATA

ick a button to go to a subject.

Subject	Description
> *Overview*	**General information about this SmartMaster.**
> *Steps*	Procedures to use this SmartMaster.
> *Tips*	Helpful hints for using this SmartMaster.
> *Conventions*	*Details on conventions used in this SmartMaster.*
> *Notes/FX Enabling*	Description of Notes/FX and available fields.
> *Macros*	Individual macro commands and their descriptions used in this SmartMaster.
> *About*	Information about the developer of this SmartMaster.

ect Evaluation SmartMaster

The Project Evaluation SmartMaster examines two competing investments using net present v
internal rate of return (IRR), modified internal rate of return (MIRR), profitability index (PI), acco
of return (ARR), and payback.

All entries in the sheet should be positive. Interest rates are calculated on an annual basis. Ca
are assumed to occur at the beginning of the period, for a maximum of 10 future periods. To se
visual comparison of the two investments, see the Chart sheet.

ject Evaluation SmartMaster

1. Enter the project names in the description column of the Project sheet.

2. Enter a description of each project.

3. Enter all investment data for each project in the "Investment" column of the respective "Cash table.

4. Enter all cash flows you expect each project to generate. You can enter actual cash flows a

5. In the summary section located at the bottom of the Project sheet, enter your own notes abo comparison of the two competing projects, for example why one was selected over the other, explanation of underlying assumptions or figures.

Tips

Cells B:D37 and B:I37 determine whether cash flows are calculated based on the beginning o
period. By default, these cells are set to a value of 1 (one), to calculate cash flows at the beg
period. This convention is common among popular financial calculators. To calculate cash fl
end of the period, change the value in these cells to 0 (zero). This is consistent with the conv
earlier releases of 1-2-3.

Profitability Index is the measurement of total dollars returned as compared to the total dollars
The higher the resulting number, the better the investment.

If @IRR cannot approximate the result after 30 calculation iterations, the result is ERR. For m
on using @IRR, search on "@Functions" in Help.

Don't forget to include tax savings on depreciation as a positive cash flow.

Most analysts prefer NPV as the preferred measurement for projects.

onventions

Cell Types
Shaded cells are data entry areas. Outlined cells contain formulas that are automatically

Printing
All forms print in portrait orientation.

Dates
Enter the date as MM/DD/YY.

1rtMaster with Notes/FX

Notes/FX lets you exchange data between applications by embedding the data as an obj
In 1-2-3, the range called "Notes Fields" can be made available to Notes for exchanging

and the spreadsheet.

This SmartMaster contains fields that can be used for Notes/FX applications. To see the "Notes Fields," click on the Notes Fields button. For more information about using Notes documentation.

```
Return to Project  Information  Print
Analysis           Index
```

his SmartMaster
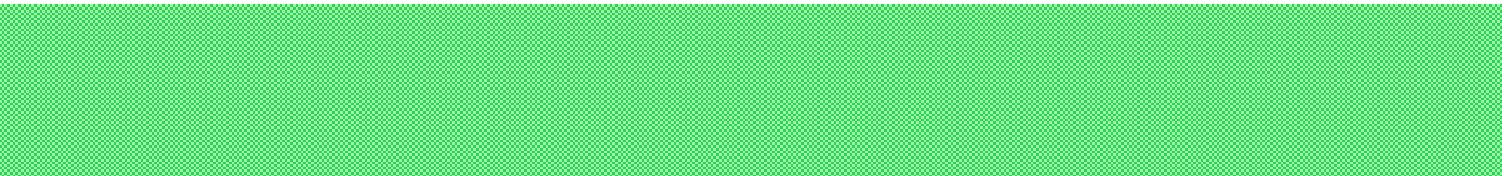
This SmartMaster was developed by Lotus in cooperation with KMT Software, Inc. KMT S

developer of several add-on products that are marketed under the Lotus name through L Software has worked closely with Lotus to develop the Lotus SmartMaster Collection for 1-2-3 a collection of dozens of additional SmartMaster templates. The Lotus SmartMaster Collection 1-2-3 Release 5 includes SmartMaster templates to help you manage your business as well as personal planning and finances.

To order or learn more about the Lotus SmartMaster Collection for 1-2-3 Release 5, in the U.S. call Lotus Selects at 1-800-635-6887. In Canada, call 1-800-GO-LOTUS.
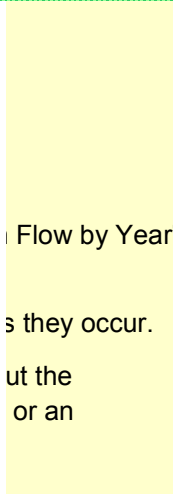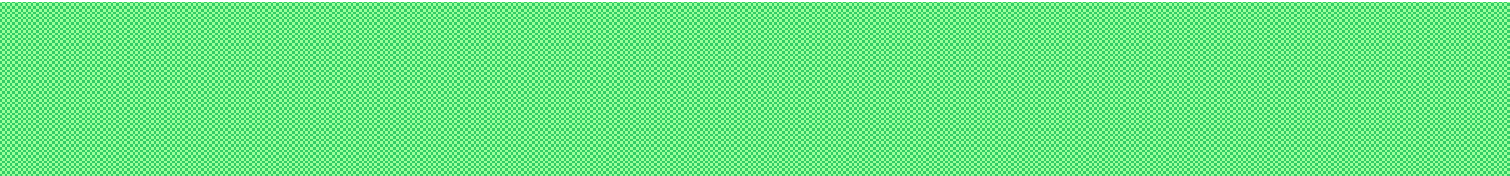
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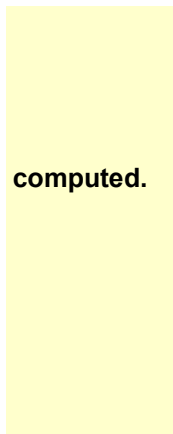or an

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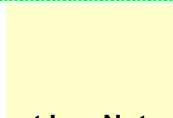
```
                                                  Notes Fields
```

ect in a Notes form.
data between Notes

range named

s/FX, see the Notes

Software is the

Lotus Selects. KMT
Release 5,
for
 your

 please